

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A NEW TRAFFIC SIGNAL AT THE INTERSECTION OF US 29 ON/OFF RAMPs AT RANDOLPH ROAD/CHERRY HILL ROAD INTERCHANGE IN MONTGOMERY COUNTY.

INTERSECTION OPERATION

A SYSTEM CONTROLLER HOUSED IN A BASE MOUNTED CABINET SHALL BE INSTALLED AT THIS LOCATION. THE INTERSECTION WILL OPERATE IN A FULLY ACTUATED MODE USING NEMA PHASES. QUEUE DETECTORS SHALL BE INSTALLED ON THE OFF RAMPs.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PEOPLE FOR THIS PROJECT ARE AS FOLLOWS:

MR. LEE STARKLOFF, ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: (301) 513-7300
MR. DENNIS McMAHAN, ASSISTANT DISTRICT ENGINEER-CONSTRUCTION
PHONE: (301) 513-7336
MR. RALEIGH MEDLEY, ASSISTANT DISTRICT ENGINEER-MAINTENANCE
PHONE: (301) 513-7300
MR. AUGIE REBISH, ASSISTANT DISTRICT ENGINEER-UTILITY
PHONE: (301) 513-7300
MR. RICHARD L. DAFF, Sr., CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. BOBBY GONZALES, TRAFFIC ENGINEER MCDPWT
PHONE: (240) 777-8761
MR. MIKE KINNEY, MCDPWT (FOR SURVEILLANCE CAMERA)
PHONE: (240) 777-8760

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE STANDARD PLATES FOR TRAFFIC CONTROL:

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
----------------------	-------------	-------	----------

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

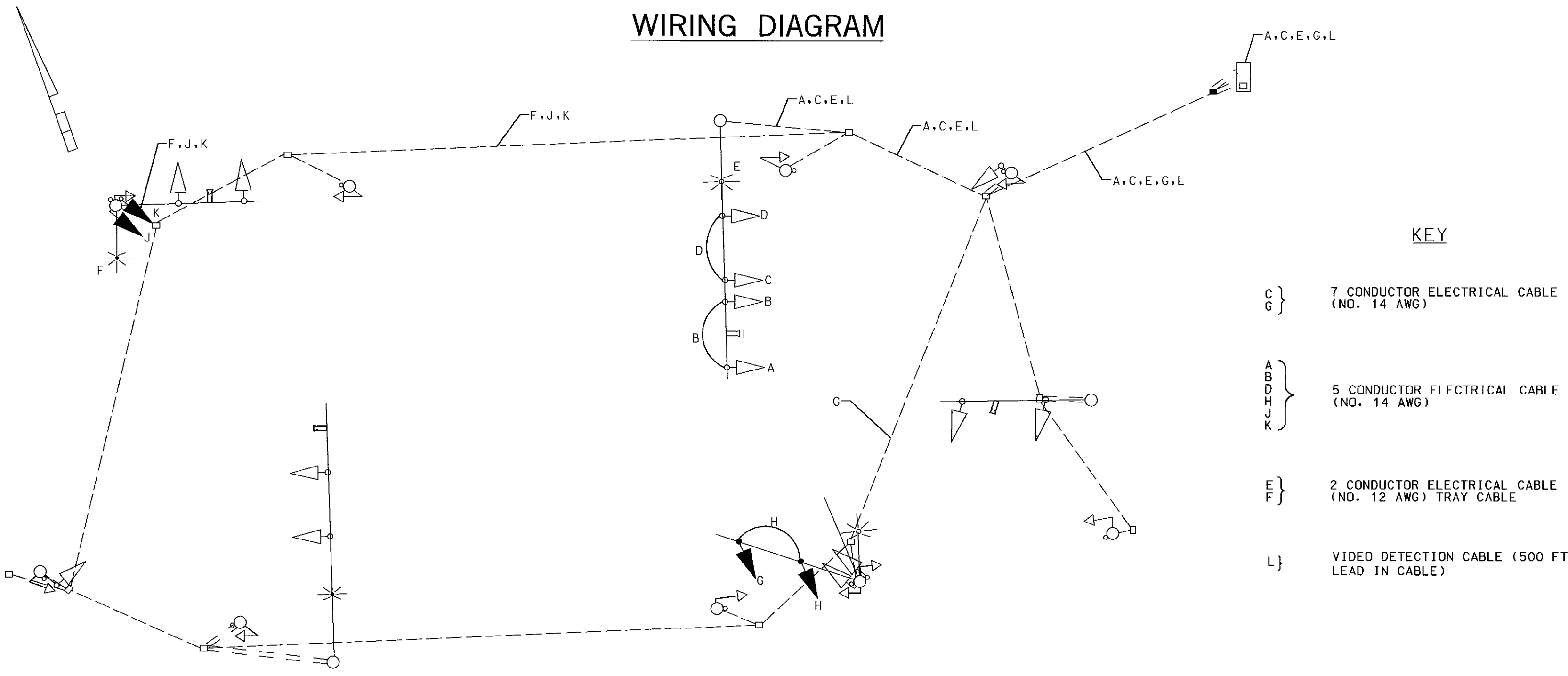
CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
----------------------	-------------	-------	----------

C. MATERIALS TO BE REMOVED BY THE CONTRACTOR.

ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME PROPERTY OF THE CONTRACTOR.

NONE

WIRING DIAGRAM



NOTE: SIGNAL CONTRACTOR SHALL REFER TO ULTIMATE SIGNAL PLAN FOR INTERCHANGE AND INSTALL ALL ULTIMATE WIRING TO BE USED THROUGH ALL PHASE OF M.O.T. THAT IS NEEDED AT THIS INTERSECTION.

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 2 AND 5	R	R	←G	←G	G	G	G	G	←R	←R	R	R	DW	DW	DW	DW	DW	DW
2 AND 5 CHANGE	R	R	←Y	←Y	Y	Y	Y	Y	←R	←R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 AND 6	G	G	←R	←R	G	G	R	R	←R	←R	R	R	WK	WK	WK	WK	WK	WK
PED CLEARANCE	G	G	←R	←R	G	G	R	R	←R	←R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	FL/DW	FL/DW
2 AND 6 CHANGE	Y	Y	←R	←R	Y	Y	R	R	←R	←R	R	R	DW	DW	DW	DW	DW	DW
PHASE 8	R	R	←R	←R	R	R	R	R	←G	←G	G	G	DW	DW	DW	DW	DW	DW
PHASE 8 CHANGE	R	R	←R	←R	R	R	R	R	←Y	←Y	Y	Y	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK

PHASE 5



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION PLAN

US 29 AT RANDOLPH ROAD
INTERCHANGE IMPROVEMENTS



SABRA, WANG & ASSOCIATES, INC.
1506 JOH AVENUE
SUITE 180
BALTIMORE, MD 21227
WWW.SABRA-WANG.COM

DRAWN BY: JAMES ALLEN JR.
CHECKED BY: _____
SCALE: NTS
DATE: APRIL, 2002

F.A.P. NO. _____
S.H.A. NO. M08365170
COUNTY: MONTGOMERY
LOG MILE: _____

T.S. NO. 4191
T.I.M.S. NO. F142

SHEET NO. _____
OF _____